

MINUTES  
STATE WATER COMMISSION MEETING  
Bismarck, North Dakota  
October 29, 1964

MEMBERS PRESENT:

Oscar Lunseth, Vice Chairman, Grand Forks  
Henry Steinberger, Member from Donnybrook  
Math Dahl, Commissioner, Department of Agriculture & Labor, Bismarck  
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary, Bismarck

OTHERS PRESENT:

Fred J. Fredrickson, Planning Coordinator, Valley City  
Paul Frederick, City Manager, City of Minot, Minot

The meeting was opened at 9:00 a.m. with Vice Chairman Lunseth presiding. The following members were present: Messrs. Steinberger, Math Dahl and Secretary Hoisveen, representing the Governor.

Secretary Hoisveen stated that the Commission members were scheduled to meet with the Legislative Research Subcommittee on Natural Resources at 9:30 a.m. to consider whether or not they wished to have the State Water Commission designated as the State Outdoor Recreation Agency.

Secretary Hoisveen read a letter from Governor Guy stating that he would not be able to attend the Commission meeting and requested that Secretary Hoisveen represent him at such meeting.

Secretary Hoisveen suggested that the meeting convene, then recess to attend the Legislative Research Subcommittee meeting and then come back to complete the Agenda.

MINUTES OF OCTOBER 16, 1964  
APPROVED

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the Commission dispense with the reading of the minutes and the minutes be approved as circulated.

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the meeting of the State Water Commission recess, to reconvene after the meeting with the Legislative Research Subcommittee.

Secretary Hoisveen stated that a bill similar to 184 introduced at the last session of the Legislature may be introduced next year. The bill being suggested by the Legislative Research Subcommittee on Natural Resources would designate the State Water Commission as the agency to deal with the Bureau of Outdoor Recreation and to receive any money allocated from the Land and Water Conservation Fund Act of 1965.

The meeting reconvened at 1:30 p.m. with Commissioners Lunseth, Steinberger, Math Dahl and Secretary Hoisveen representing the Governor present.

There was discussion on the proceedings before the Legislative Research Subcommittee and the provisions of Senate Bill 184 of the 38th Legislative Assembly. It was the consensus of the Commission that a representative of the Health Department should be included as a member of the Advisory Council in that Bill. It was recommended that the Commission adopt a motion to the effect that the State Water Commission will cooperate to the fullest extent with all agencies of the government on outdoor recreation and that it endorse the provisions of said Bill 184.

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the Commission approve and seek enactment of the proposal to designate the State Water Commission as the State Outdoor Recreation Agency, substantially in accordance with the draft bill submitted by the Legislative Research Subcommittee on Natural Resources October 29, 1964, with such modification as may be appropriate to confirm to suggestions in the model state law from the Bureau of Outdoor Recreation.

**CITY OF MINOT REQUEST FOR  
PARTICIPATION IN WATER  
ENTRAINMENT**

Secretary Hoisveen stated that the U. S. Geological Survey and the State Water Commission have been cooperating with the City of Minot in an effort to find an area which could

be used to recharge the ground-water aquifer which lies under the city and is in part the source of that city's water supply. The City of Minot has had difficulty, especially this year, to find the quantity of water needed to meet their increasing demands. An area in Oak Park has now been located which appears to have the potential of entraining 4 million gallons of water into the aquifer on a daily basis. The City plans to proceed with the project. The need for a water supply was reviewed at a previous Commission meeting. The construction of a diversion dam will be required. As a result of previous communication, a letter was sent to the Sport Fisheries and Wildlife setting forth the needs of the City of Minot. The Minneapolis office of the Sport Fisheries and Wildlife has forwarded this letter to Washington, D. C. As yet a reply has not been received. Chairman Lunseth then called on Mr. Frederick, the city manager for the City of Minot.

Mr. Frederick stated numerous test holes have been drilled attempting to locate recharge possibilities in cooperation with the State Water Commission and the U. S. Geological Survey in an effort to interpret the recharge possibilities. Mr. Frederick explained that tests have been made and it was found that a minimum of 1 million gallons per day per surface acre could be accomplished. It is known that the water level in the aquifer has dropped several feet in the past two years. The gravel bed does come close to the surface in some parts of the city. Some of the area is in the residential section which cannot be used but appears to be the best. The park seems to be one of the best areas. Mr. Frederick felt that the plan the City of Minot has is feasible and practical until such time as the Garrison Diversion project is passed by Congress. He felt the city had an ideal set up in the park. Mr. Pettyjohn and Mr. Frederick flew to Kalamazoo, Michigan to inspect that city's water supply.

Mr. Frederick used a map to explain what the city expects to do to construct a water system for the City of Minot. He further stated that the city had been allocated by the State Water Commission and the International Joint Commission 6700 acre-feet of water from the Mouse

River. If the city could take out what it needed and store the rest they would have enough water for some time in the future. The Bureau of Sport Fisheries and Wildlife has been requested to trap 6700 acre-feet in Lake Darling and release what the city needs. To date they have had no answer to this request. Mr. Frederick talked to Senator Young relative to this situation and he contacted the Wildlife Service in Washington, D. C. They are sending a man out next week to discuss this matter. Whether the city of Minot builds a dam depends on whether they can get water from the Bureau of Sport Fisheries and Wildlife. The city is requesting financial assistance and assistance in the design of the structure. Secretary Hoisveen implied that the cost of the structure would be between \$75,000 and \$100,000. The Commission and Mr. Frederick discussed securing funds from the Ward County Water Management District and how much the city would be able to put into this project.

It was moved by Commissioner Steinberger, seconded by Commissioner Math Dahl and carried that the State Water Commission participate in the construction of a detention dam in Oak Park, City of Minot, to the extent of \$30,000.

**CASS COUNTY DRAIN #3** In 1956 the Commission participated in the construction of Cass County Drain #3 to the extent of \$5663.38. The Cass County Drain Board is now requesting that a portion of the ditch be improved which is upstream from the presently constructed Drain #3 in which the State Water Commission previously participated. The State Water Commission's share in the cost of extending Cass County Drain #3 would be \$3630.

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the Commission participate in the extension of Cass County Drain #3 to the extent of \$3630.

**CASS COUNTY DRAIN #19** The Cass County Drain Board is requesting the State Water Commission to aid in the construction of the upstream two miles of Drain #19. The Commission has not previously participated in this reach of Drain #19. The cost of constructing this drain is \$3355. The Commission's share would be \$807.40 exclusive of excavation which is determined deferred maintenance.

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the Commission participate in the extension of Drain #19 to the extent of \$807.40.

**RESOLUTION -SIVERT  
THOMPSON LAKE  
(Garrison Reservoir)**

Commissioner Math Dahl requested Secretary Hoisveen to read a resolution he had prepared relative to the naming of Garrison Reservoir "Thompson Lake."

It was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the vote on the resolution be deferred until the next meeting.

WATER RIGHT  
#1242

The application of Harold Mathison, Sentinel Butte to divert 109 acre-feet of water from an unnamed intermittent draw tributary of Bullion Creek and Little Missouri River for water spreading purposes on 54.7 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 54.7 acre-feet to irrigate 54.7 acres, it was moved by Commissioner Math Dahl, seconded by Commissioner Steinberger and carried that the application as modified by the recommendation of the State Engineer be approved and the permit granted for the diversion of 54.7 acre-feet to irrigate 54.7 acres of land subject to such conditions as indicated on the permit.

There being no further business the meeting adjourned at 2.45 p.m.

Milo W. Hoisveen  
Secretary

ATTEST:

William L. Day  
Governor

NORTH DAKOTA STATE WATER COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF OCTOBER 31, 1964  
 1963 - 1965 APPROPRIATIONS

FUND -2770	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	OCT' 64	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PD & EXP -15	6,500.00	.00	4,241.01	56.01	2,258.99	450.00	1,808.99
2. ADMINISTRATION -301	70,000.00	690.18	45,527.83	3,491.98	25,162.35	1,400.00	23,762.35
3. MTCE OF DAMS -302	150,000.00	71,916.39	187,408.75	9,122.50	34,507.64	6,260.00	28,247.64
4. INT'L & INT -303	10,000.00	10.00	6,367.41	.00	3,642.59	.00	3,642.59
5. TOPOGRAPHIC -304	30,000.00	6,210.42	26,210.42	.00	10,000.00	10,000.00	.00
6. HYDROGRAPHIC-305	27,500.00	2,750.00	18,640.53	.00	11,609.47	11,609.47	.00
7. ENGR & GEOL -306	60,000.00	51,064.23	90,438.74	2,706.77	20,625.49	1,200.00	19,425.49
8. COOP W/US DEP ETC-307	60,000.00	6,000.00	46,344.97	3,026.30	19,655.03	500.00	19,155.03
9. ENGR INVEST -308	145,000.00	3,900.00	94,957.93	6,094.73	53,942.07	3,500.00	50,442.07
10. ADM WATER RIGHTS-309	10,000.00	.00	6,804.19	.00	3,195.81	.00	3,195.81
	<u>569,000.00</u>	<u>142,541.22</u>	<u>526,941.78</u>	<u>24,498.29</u>	<u>184,599.44</u>	<u>34,919.47</u>	<u>149,679.97</u>

NOTE - \$10,000 TRANSF. FROM #304 TO #305, 306 & 307

\$6,210.42 TRANSF. FROM EM COMM TO #304.

SWC FILE C5-1.2

NORTH DAKOTA STATE WATER COMMISSION

STATUS OF CONTINUING APPROPRIATIONS  
AS OF OCTOBER 31, 1964

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	OCT '64	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE	500,000.00						
CARRIED FWD -3770	337,928.21	101,648.03	398,630.73	60,792.33	540,945.51	449,880.21	91,065.30
21. CONST BOND GUAR-8770	90,000.00	21,397.49	20,539.00	.00	90,858.49	.00	90,858.49

NOTE - FUND #21 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10 '57. ORIGINAL DISBURSEMENTS FROM FUND #21 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE, OR AGREE TO PAY, THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS, NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #21 "8770"

TYPE	DUE DATE	INTEREST RATE	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U.S. SERIES K BONDS	5-65	2.76%	\$ 41.40	\$ 1,500	\$ 1,541.40
U.S. SERIES K BONDS	4-67	2.76%	138.00	2,000	2,138.00
U.S. TREASURY BONDS	12-68	2.50%	337.50	3,000	3,337.50
SIoux IRRIG DIST BONDS	1984 SERIALY	2.25%	4,173.75	15,500	19,673.75
			<u>\$ 4,690.65</u>	<u>\$22,000</u>	<u>\$26,690.65</u>
			FUND BALANCE . . . . .		90,858.49
			LESS ORIGN. APPROPRIATION. . . . .		-90,000.00

NOTE - EXCESS OVER \$90,000 CASH TO BE CREDITED TO GENERAL FUND. 1-2-58 AQ OPINION \$27,549.14

NORTH DAKOTA STATE WATER COMMISSION  
PAYROLL - OCTOBER 31, 1964

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY	W/TX	S.S.	INS.	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR	Q-10	INC JUL '63	1,125.00	134.20		13.70	168.75	808.35
BAESLER, GORDON	DRAFTSMAN	I-1	INC JUL '64	466.67	50.20	16.92			399.55
CHRISTENSEN, RAY	ENGR AID	E-5	INC APR '64	298.67	34.20	10.83			253.64
COOPER, VERNON S.	ASST SECY	1/2 I-7	INC NOV '63	275.34	30.00	9.98	13.70		221.66
ENGSTROM, VIRGLE	RODMAN	D-7	INC APR '64	265.50	29.70	9.62	2.15		224.03
FREDRICKSON, FRED	COORDINATOR	L-7	INC OCT '64	727.67	80.30		13.70		633.67
FROELICH, LARRY	GEOLOGIST	J-2	INC AUG '64	532.17	35.30	10.68	13.35		472.84
GLOVER, DALE	HYDROLOGIST	M-1	INC AUG '64	666.67	150.00				516.67
GRINDBERG, AL	ENGINEER	L-10	RES SEP '64	447.53	55.20	16.22			376.11
HILAND, LEONE	CH STENO	G-6	INC MAY '64	421.67	52.40	15.29	2.25		351.73
JOCHIM, CLIFF	ATTORNEY	F-5	INC OCT '64	354.67	57.20		13.70		283.77
KAHIL, AL	GEOLOGIST	H-4	STA JUL '64	454.17	63.00	16.46	13.70		361.01
KNUTSON, LEWIS	DRILLER	H-4	INC AUG '64	454.17	39.70	16.46			398.01
LINDVIG, MILT	ENGINEER	J-3	INC JUN '64	547.67	69.20	3.20			475.27
LIVERSAGE, KAY	STENO	E-2	INC MAY '64	274.67	30.90	9.96	2.15		231.66
NELSON, G.P.	ENGINEER	L-5	INC APR '64	690.67	98.00				592.67
PUTZ, ROY	OFF ASST	C-8	INC APR '64	231.92	16.60	8.41	2.15		204.76
RIVINIUS, MERRIL	ENGINEER	J-8	INC AUG '64	625.17	86.80		2.40		535.97
SACKMAN, EUGENE	SURVEYOR	H-4	INC APR '64	454.17	31.90	16.46	13.35		392.46
SANDWICK, HAZEN	ENGINEER	M-6	INC DEC '63	767.67	70.30		13.70		683.67
SCHANTZ, GEORGE	ENGR AID	E-6	INC AUG '64	306.67	27.60	11.12	13.45		254.50
SCHMID, ROGER	GEOLOGIST	J-3	INC AUG '64	547.67	45.90	5.22	1.09		495.46
SCHULZ, DEL	ENGINEER	J-10	INC JUL '64	656.17	92.40		13.70		550.07
SCHULZ, JIM	ACCOUNTANT	K-6	INC JUL '64	651.67	84.60		13.70		553.37
SCHULZ, SHERRYN	STENO	D-5	INC MAY '64	252.00	35.30	9.13			207.57
SCHWEIGERT, CAL	RODMAN	D-5	STA OCT '64	119.05	8.90	4.32			105.83
WALTERSON, HOWARD	CONST SUPT	I-3	INC MAR '64	494.67	53.00	14.65	13.70		413.32
WALTERSON, JEAN	DRAFTSMAN	F-9	INC JUL '64	392.67	47.70	14.23			330.74
WILKE, JENENE	STENO	C-6	INC SEP '64	238.50	25.50	8.65			204.35
ZIEGLER, VICTOR	ENGINEER	M-9	INC JUL '64	827.67	99.20		13.70		714.77
SWC GROUP INSURANCE	-2005			100.00			100.00		.00

PAYROLL - CONTINUED  
 HOURLY EMPLOYEES

"OCTOBER 1964"

NAME	POSITION	PAY GRADE	REMARKS	SALARY	W/TX	S.S.	INS.	BONDS	NET
ANDERSON, VIRGIL	OPERATOR	1.60	STA SEP'64	219.20	25.30	7.95			185.95
FROEMMING, DALE	OPERATOR	1.65	INC JUN'64	496.65	60.80	18.01			417.84
HAMAN, JAMES	DRILLER	1.80	RES OCT'64	471.60	57.00	17.10			397.50
HOIME, ED	OPERATOR	1.60	RES OCT'64	242.40	4.00	8.79			229.61
KOBLE, JAMES	OPERATOR	1.60	STA SEP'64	259.20	30.80	9.40			219.00
KOBLE, ROBERT	OPERATOR	1.60	STA MAY'64	463.20	55.80	16.80			390.60
NYLAND, ARDEN	OPERATOR	1.60	STA SEP'64	160.00	17.10	5.80			137.10
OLSON, PALMER	OPERATOR	1.75	INC AUG'64	138.25		5.01			133.24
PETERSON, JOHN	OPERATOR	2.20	INC JUL'64	639.10	80.50	23.16			535.44
SCHOCK, RUDOLF	OPERATOR	1.65	INC JUN'64	477.68	57.70	17.32			402.66
SENGER, ANTON	OPERATOR	2.25	INC MAR'64	639.00	81.50	23.17			534.33
SPRENGER, LARRY	OPERATOR	1.60	RES SEP'64	9.60	1.10	.35			8.15
ULRICH, ROGER	OPERATOR	1.60	STA SEP'64	457.60	55.40	16.59			385.61
VOELLER, PIUS	FOREMAN	2.40	INC MAR'64	728.40	31.00	26.41	13.35		657.64
WEIGEL, JOE	OPERATOR	2.00	INC JUL'64	585.00	74.20	21.20			489.60
ZIMMERMAN, ERV	OPERATOR	1.60	STA SEP'64	345.60	41.60	12.53			291.47
				21001.06	2409.00	457.40	302.69	168.75	17,663.22